

Natural and anthropogenic factors influencing evolution of lakes (On example of the lake glubokoe)

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Abstract

© Research India Publications. With increase in the city territory anthropogenic loading and influence on development of lakes increases. It is necessary to take measures for these natural aquatic complexes preservation in due time. Developers of the Kazan General plan offer preservation and development of the existing forest parks, including Lebyazhsky, with establishment of the protection along natural water objects mode. Within this forest park, among other, there are lakes Big Glubokoe and Small Glubokoe which formed a uniform hollow of the lake Glubokoe earlier. Studying of natural and anthropogenic processes variability regularities for the purpose of possible damage to the water objects prevention, which are close (within) the city, is part of the practice-focused approach when training geographers. The research of lakes including the published data analysis, instrumental measurements, visual observation, polls of locals allows to establish the reasons for water surface level fluctuation. The lakes Big Glubokoe and Small Glubokoe are located in the karst and erosive valley stretched from the village of Osinovo to Yagodnaya Sloboda in Kirovsky district of Kazan among the pine woods on the second above-flood-plane (pine-forest) terrace of the Volga River.

Keywords

Evolution, Factor, Hollow, Lake